**Index of Claims** 

Appl	ication	/Contro	ıl No.
------	---------	---------	--------

09/674,648

Applicant(s)/Patent under Reexamination

FURCHHEIM ET AL.

Examiner

Art Unit

Chong H. Kim

Restricted

3682

Rejected Allowed

(Through numeral) Cancelled

Non-Elected N

**Appeal** Α

Interference

0 Objected

Cla	aim	Date				<u></u>	Claim Date								$\neg$	Γ	Cl	aim		Date														
<del>                                     </del>		9					<u>                                   </u>						Ť	1	Т	$\neg$	-т	$\dashv$	-	<u> </u>		Т		П		70.6			-1	$\dashv$				
<u></u>	ᇢ	13	¥				1				۱.	,	ब्				- 1			1				_	ᅙ					Į				J
Final	<u>:</u> 5	14	1						1			<u> </u>	<u>iğ</u>				- 1						.	Final	ġ									ı
"	Original	10/6	<u> </u>	1			1	1			ľ	-	Original											ш	Original		- 1	I						ı
<u> </u>			ш.	+	+	+	╁	4	$\vdash$	Ш	<u> </u>	_		$\sqcup$	_	_	_	_	$\bot$	4		_	Ļ			_		_	_				_	
	1	٧	+	+	4	-	$\perp$	+-	1	Щ	<u> </u>	4	51	$\sqcup$	_	_			4	4	_ļ	_			101	_		ļ	_		_		_	_
	2	1	╄.	┺	4	_	1	↓_	╙	Щ		4	52	$\sqcup$			_		_	$\perp$	ightharpoonup		L		102	_		$\Box$						
	3	Ц	$\perp$	┸	┸	┸		1_	<u> </u>	Ш		_	53			$\Box$								_	103									
	4	Ц,	4	╀	1_	1			_	Ш	_		54			$\perp$			$\perp$	$\perp$		_	L		104									
	5	Y			$\perp$	丄		L		Ш			55										Ĺ		105									
	6	L				Т.							56												106		П	П	П	$\neg$				$\neg$
	7	L	4										57												107			П						
	8	٧					Т		Π	П		П	58				$\neg$	$\neg$	$\neg$	$\neg$	$\neg$		Γ		108									
	9			T		Т	Т			П		╗	59	П	ヿ					T			٦		109	寸		$\neg$	$\neg$	$\neg$	_			╗
	10	Г		Т	1	1	1.			П		T	60		$\dashv$	╛	$\neg$	$\dashv$		T	ヿ		ı		110	一	寸	_	$\neg$		╛	$\dashv$	$\neg$	ヿ
	11	7	1	1	1	1	$\top$	T	T	П		T	61			_	$\neg$	寸	_	$\dashv$	_	$\neg$	ı		111		寸	寸		_	-		-	$\dashv$
	12	Ż	1	$\top$	1-	T	$\top$	T	1	H		$\dashv$	62	-	$\dashv$	$\dashv$	$\dashv$	$\dashv$	╅	$\dashv$	$\dashv$	$\dashv$	H		112	$\dashv$	$\dashv$	+		$\dashv$	$\dashv$		-	$\dashv$
	13	Ť	$^{+}$	†	1	+-	$\top$	T	T	Н	$\vdash$	$\dashv$	63	$\dashv$	$\dashv$	$\dashv$	-	-+	+	+	$\dashv$	$\dashv$	H		113	$\dashv$	$\dashv$	-+	-+	-	$\dashv$		-+	$\dashv$
	14	7	+	$\top$	+	+	+	+-	┰	Н	<u> </u>	$\dashv$	64		-+		$\dashv$	$\dashv$	+	+	-+	$\dashv$	  -		114	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	-	-	$\dashv$	$\dashv$
	15	<u> </u>	+	+	+	+	+	+-	+-	Н	-	$\dashv$	65	$\dashv$	+	$\dashv$		$\dashv$	+	+	$\dashv$	$\dashv$	H		115	-+	$\dashv$	$\dashv$		-			-	$\dashv$
-	16	H	╁	+-	+	+	+-	+-	-	Н	$\vdash$	+	66	$\dashv$	+	-+		$\dashv$	+	+	-+		-			-+	$\dashv$	4	-	-			$\dashv$	$\dashv$
-	17	╫	+-	+	+	+-	+-	╁	-	Н	$\vdash$	+	67	-		$\dashv$	$\dashv$	$\dashv$	-	+	-		-		116	$\dashv$	$\dashv$		+		-			
		V	╁	+	+	+-	+-	+	+-	Н	$\vdash$	+		-	$\dashv$				-	+	$\dashv$	$\dashv$	-		117		4		_	_	_		_	_
$\vdash$	18	V	+-	╀	+-	+	+	$\vdash$	⊢	$\vdash \vdash$	$\vdash$	+	68		_	4	4	4	$\perp$	4		$\dashv$	Ļ		118	_	_	_	_	_	_	_	_	_
ļ	19	<u> </u>	+	╄	$\bot$	+	$\bot$	↓_	<u> </u>	Ц	<u> </u>	4	69			_		$\dashv$	_	_	_	_	L		119		$\perp$		_		$\Box$		$\dashv$	$\Box$
<u> </u>	20	L	₽-	$\vdash$	+	_	-	╄	_	Ш	$\vdash$	4	70			_		$\perp$	$\perp$	4		_	L		120			$\perp$			_		$\perp$	$\Box$
<u> </u>	21	_	╄	↓_	┸	1	1_	<u> </u>		Ш		$\downarrow$	71	_		_		$\perp$		$\perp$		$\square$	L		121	$\perp$	$\perp$							
<u> </u>	22	_	<del> </del>	┖	ـ	╄	$\perp$	1	$\vdash$	Ш	<u> </u>	$\perp$	72		[	[		$\perp$		$\perp$		$\Box$	Ĺ		122		$\Box$	$\Box$				$\Box$	$oldsymbol{ol}}}}}}}}}}}}}}}}$	
lacksquare	23	_	_	╙	1_	$\downarrow$	$\perp$	<u>L</u>	匚	Ш		$\perp$	73			$\Box$			$\perp$	$\perp$					123		$\Box$	$\Box$	$\Box$					
لــــــا	24	_	1_	<u> </u>	1_	L			L	Ш		ŀ	74			$\Box$		$oxed{J}$	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Gamma}}}$	$oldsymbol{\mathbb{I}}$	$\Box$		Γ		124								$\neg$	
	25	L		L				L	$L^{T}$			$\prod$	75							T			Γ		125	$\top$	Т	1	$\neg$	$\Box$		-	1	$\neg$
	26	Ĺ		L	╧	$oldsymbol{ol}}}}}}}}}}}}}} $	$\perp$					T	76		T	$\Box$	$\neg$		T	$\top$	$\neg$		Γ		126	$\neg$	$\neg$	$\Box$	$\neg$	$\Box$	$\neg$	╗	$\neg$	ヿ
	27	Ĺ										T	77		$\neg$		.		7	十	$\dashv$		T	T	127	$\neg$	$\dashv$	T	T	$\neg$	_	$\dashv$	$\dashv$	ヿ
	28			Π	1	Ī	T					╡	78	$\dashv$	$\dashv$	$\dashv$	_	7	$\dashv$	$\dagger$	_		l		128	$\dashv$	$\dashv$	$\dashv$	$\dashv$	寸	$\dashv$		$\dashv$	$\dashv$
	29	Г	T		1-	1	1	T	Π	П		$\top$	79		$\dashv$	$\dashv$	7	+	十	$\dagger$	_	$\dashv$	l		129	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\neg \dagger$	-	+	$\dashv$	$\dashv$
	30	Т		T	1	1	$\top$		$\vdash$	$\vdash$		$\dashv$	80	$\dashv$	$\dashv$	$\dashv$	7	$\dashv$	十	+	-	$\dashv$	F		130	$\dashv$	$\dashv$	$\dashv$	$\dashv$	+	-+	$\dashv$	$\dashv$	$\dashv$
	31		T	1	1	1	+		<del>                                     </del>	$\vdash$			81	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	+	+		$\dashv$	H		131	$\dashv$	$\dashv$	$\dashv$	$\dashv$	+	-+	$\dashv$	-+	$\dashv$
<u> </u>	32	H	T	T	T	+	+-	1		$\dashv$			82	_	$\dashv$	$\dashv$	$\dashv$	+	+	+	$\dashv$	$\dashv$	<u> </u>		132	$\dashv$	+	$\dashv$	$\dashv$	$\dashv$	-+	$\dashv$	$\dashv$	$\dashv$
	33		†	$\vdash$	+	+	+-	$\vdash$		$\dashv$	_		83	$\dashv$	+	$\dashv$	-+	+	+	+	$\dashv$	$\dashv$	ŀ		133	$\dashv$	$\dashv$	+	$\dashv$	-	$\dashv$	$\dashv$	$\dashv$	$\dashv$
<del>  </del>	34	$\vdash$	+-	+-	+	+	╁	+-	$\vdash$	$\dashv$			84	+	$\dashv$	-+	$\dashv$	+	+	+	-+	$\dashv$	-		134	$\dashv$	$\dashv$	$\dashv$	$\dashv$	-+	$\dashv$	-	$\dashv$	$\dashv$
<del>                                     </del>	35	$\vdash$	$\vdash$	+	╁	+	╁	$\vdash$	$\vdash$	$\dashv$	-		85	-	$\dashv$	$\dashv$	+	+	+	+	+	ᅱ	-			+	+	$\dashv$		$\dashv$		$\dashv$	+	$\dashv$
<b></b> -	36	<del> </del>	+	┼	+	+	+-	+-	<u> </u>	-				$\dashv$	-+	$\dashv$	+	+	+	+	$\dashv$	-	-		135	$\dashv$	+	$\dashv$			$\dashv$	$\dashv$		4
$\vdash$	37		╁	⊢	+	╁	╁	$\vdash$		$\dashv$	$\vdash$		86	$\dashv$	-	+	-	$\dashv$	+	+	-+		-		136	-	4		_	_	_	4	_	4
<u> </u>		_	-		+-	╀	+	├	-	Ш	-		87		$\dashv$	-	-	_	_	4		_	L		137	_	$\perp$	4	$\downarrow$	_	_	_	$\dashv$	_
<b>  </b>	38		$\vdash$	├	╂	╀	$\vdash$	$\vdash$	Щ	_	<u> </u>		88	ļ	_	$\dashv$	$\dashv$	4	$\bot$	4	_	_	L		138	_	_	_		_	_	$ \bot $	_	Ц
	39		₩	₽	╄	$\vdash$		Ь.	<u> </u>	_	<u> </u>	$\downarrow$	89	4	_	$\dashv$	_	$\perp$		$\perp$	$\dashv$	$\Box$	L		139	_		_	_		$\perp$		_	
ļl	40		<b>—</b>	<b>_</b>	1	丨	_	<u> </u>	Щ	Ц	<u> </u>	4	90	ļ	$\dashv$	$\perp$	_		$\perp$	$\perp$	$\perp$	$\Box$	L		140						$\Box$			
	41		<u> </u>	<u> </u>	$\perp$	1_	<u> </u>		Ш	_	<u> </u>		91		_	$\perp$	_		ᆚ	⊥		$\Box$	L		141									
$oxed{oxed}$	42		1_	<u> </u>	$\perp$	1	$\perp$		Ш			$\perp$	92	_[	_[			$\Box$			$oxed{J}$				142	$oldsymbol{\mathbb{I}}$	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$	$oldsymbol{\bot}$	$\Box$	_]		$\Box$		
$oxed{oxed}$	43		_	$oxed{oxed}$	_					$\Box$	L		93		$\Box$		$\Box$	$oxed{\int}$		$oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$	$\Box$ T		Γ		143	T	_			T	T			
	44		L									$\prod$	94		$\Box$	J	T	Т	Т		Т		Γ		144		T	T	$\neg$	$\neg$	T	$\neg$	$\neg$	$\neg$
	45						$\Gamma$					T	95	$\neg$	$\top$	T	T		T	$\top$	$\top$	$\neg$	٢		145	$\dashv$	十	T	寸	寸	7	7	寸	$\neg$
	46						Г	П	П	$\neg$		$\top$	96	7	十	寸	寸	$\top$	┰	十	$\neg \uparrow$	$\neg$	r		146	+	$\dashv$	$\dashv$	$\dashv$	_	$\dashv$		$\dashv$	$\dashv$
	47		1		T	1		П	П	$\neg$			97	$\dashv$	$\dashv$	_	$\dashv$	$\dashv$	十	$\top$	$\dashv$	$\dashv$	F		147	$\dashv$	$\top$	$\dashv$	寸	$\dashv$	$\dashv$	-+	$\dashv$	$\dashv$
	48	_	Т	<del>                                     </del>	$\top$	T	1	П		$\dashv$			98	-	$\dashv$	$\dashv$	$\dashv$	$\top$	+	+	十	$\dashv$	H		148	+	+	+	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$
	49	_	T		†	t	1	П	H	$\dashv$	$\vdash$	+	99	十	-+	$\dashv$	+	┰	+	+	+	$\dashv$	  -		149	$\dashv$	+	+	$\dashv$	+	$\dashv$	$\dashv$	+	$\dashv$
	50		<del>                                     </del>	H	+	+	+	Н	$\vdash$	$\dashv$	$\vdash$	+	100	$\dashv$	$\dashv$	+	+	+	- -	+	$\dashv$	$\dashv$	$\vdash$		150	+	+	+	$\dashv$	+	+	$\dashv$	+	$\dashv$
	<u> </u>			Ц	_	1	٠		لـــا			L_	.00			_L	Щ.						L		130		L			L			L	┙